

GENERAL NOTES

- A. For type of block and joint finish, see other sheets.
- B. When blocks are laid in stacked bond, ladder type, galvanized joint reinforcement shall be provided. A minimum of 2-3.76 mm wires continuous at 1219 mm maximum to be used. Locate reinforcement in joints that are at the approximate midpoint between bond beams.
- C. Horizontal joints shall be tooled concave or may be weathered. Vertical joints shall be tooled concave or may be raked.
- D. For intermediate wall heights that are between the "H's" given, use the tabular information for the next higher "H".
- E. Masonry strengths are listed in the "SOUNDWALL REINFORCEMENT TABLE".

DESIGN NOTES**DESIGN**

Uniform Building Code, 1997 Edition
and the Bridge Design Specifications.

DESIGN WIND LOAD

958 Pa

DESIGN SEISMIC LOAD

0.57 Dead load

REINFORCED CONCRETE

$f'_c = 22.41 \text{ MPa}$
 $f_y = 413.7 \text{ MPa}$

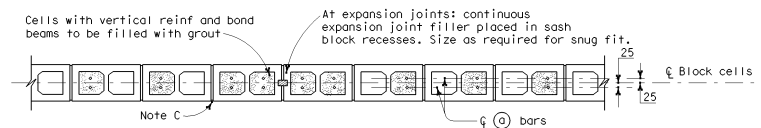
CONCRETE MASONRY**REGULAR STRENGTH**

$f'_m = 10.34 \text{ MPa}$
 $f_b = 3.41 \text{ MPa}$
 $f_s = 165.5 \text{ MPa}$
 $n = 25.8$

HIGH STRENGTH

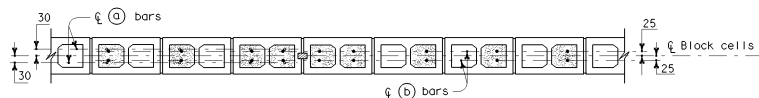
$f'_m = 13.79 \text{ MPa}$
 $f_b = 4.55 \text{ MPa}$
 $f_s = 165.5 \text{ MPa}$
 $n = 19.3$

$f'_m = 17.24 \text{ MPa}$
 $f_b = 5.72 \text{ MPa}$
 $f_s = 165.5 \text{ MPa}$
 $n = 15.5$

**SECTION A-A**

For details not shown, see other sections.

H=1829 THRU H=3048

**SECTION A-A****SECTION B-B**

For details not shown, see other sections.

H=3658 THRU H=4877



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST NO.	SHEET TOTAL SHEETS

Douglas J. Dunne
REGISTERED CIVIL ENGINEER

July 1, 2004
PLANS APPROVAL DATE

Douglas J. Dunne
No. C47240
Exp. 12-31-05
CIVIL
STATE OF CALIFORNIA

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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**SOUNDWALL
MASONRY BLOCK ON PILE CAP
DETAILS (2)**

NO SCALE
ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

B15-4